IMPROVEMENTS TO KALYANI AT
YELAHANKA LAKE IN KEMPEGOWDA
WARD NO-01

EMB

(Pre-Measurement Sheet and

Measurement Sheet)

FIRST & FINAL Bill

BRUHAT BANGALORE MAHANAGARA PALIKE

ME OF THE PROJECT: IMPROVEMENTS TO KALYANI AT YELAHANKA LAKE IN KEMPEGOWDA WARD NO-01

PREMEASUREMENT SHEET

First & Final Bill

ient: Sri. P.Dhamodara Raju, No: 19, 3rd Floor, 1st main, Nrupathunganagara, J.P.Nagara, 7th Phase, Bangalore-560078

ge in m	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Remarks
To								
No.01	Dismantling of existing structures like culverts,bridges, retaining walls and other structure comprising of masonry, cement concrete, wood work, steel work, including T&P and scaffolding wherevernecessary, sorting the dismantled material, disposal of unserviceablematerial and stacking the serviceable material with all lifts complete asper specifications Dismantling brick/Tile work B. In cement mortar. Complete as per specifications and the directions of the Engineer-in-charge							
rements n on	04-09-2021							
	At Kalyani							
	North Side							
	Treads	Cum	1	27.50	0.50	0.10	1.38	
		Cum	1	27.00	0.50	0.10	1.35	
		Cum	1	26.50	0.50	0.10	1.33	
		Cum	1	26.00	0.50	0.10	1.30	
		Cum	1	25.50	0.50	0.10	1.28	
		Cum	1	25.00	0.50	0.10	1.25	
		Cum	1	24.50	0.50	0.10	1.23	
		Cum	1	24.00	0.50	0.10	1.20	
		Cum	1	23.50	0.50	0.10	1.18	
		Cum	1	23.00	0.50	0.10	1.15	
		Cum	1	22.50	0.50	0.10	1.13	
		Cum	1	21.95	0.50	0.10	1.10	
		Cum	1	21.45	0.50	0.10	1.07	
		Cum	1	21.02	0.50	0.10	1.05	
	Rise	Cum	1	27.50	0.10	0.13	0.36	
		Cum	1	27.00	0.10	0.24	0.65	
		Cum	1	26.50	0.10	0.23	0.61	
		Cum	1	26.00	0.10	0.20	0.52	
		Cum	1	25.50	0.10	0.23	0.59	
		Cum	1	25.00	0.10	0.23	0.58	
		Cum	1	24.50	0.10	0.23	0.56	
		Cum	1	24.00	0.10	0.24	0.58	
		Cum	1	23.50	0.10	0.22	0.52	
		Cum	1	23.00	0.10	0.17	0.39	
		Cum	1	22.50	0.10	0.18	0.41	
		Cum	1	21.95	0.10	0.15	0.33	
		Cum	1	21.45	0.10	0.16	0.34	
		Cum	1	21.02	0.10	0.17	0.36	
		Cum	1	21.02	0.10	0.17	0.36	
	Top	Cum	1	29.50	2.10	0.10	6.20	
	South Side							

ASSISTANT ENGINEER

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP, Zn)
Yelahanka, Bangalore

ASSISTANT EXECUTIVE ENGINEER

BRUHAT BANGALORE MAHANAGARA PALIKE

E OF THE PROJECT: IMPROVEMENTS TO KALYANI AT YELAHANKA LAKE IN KEMPEGOWDA WARD NO-01

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First & Final Bill

ent: Sri. P.Dhamodara Raju, No: 19, 3rd Floor, 1st main, Nrupathunganagara, J.P.Nagara, 7th Phase, Bangalore-560078

ge in m	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Remarks
To								
	Treads	Cum	1	27.50	0.50	0.10	1.38	
		Cum	1	27.00	0.50	0.10	1.35	
		Cum	1	26.50	0.50	0.10	1.33	
		Cum	1	26.00	0.50	0.10	1.30	
		Cum	1	25.50	0.50	0.10	1.28	
		Cum	1	25.00	0.50	0.10	1.25	
		Cum	1	24.50	0.50	0.10	1.23	
		Cum	1	24.00	0.50	0.10	1.20	
		Cum	1	23.50	0.50	0.10	1.18	
		Cum	1	23.00	0.50	0.10	1.15	
		Cum	1	22.50	0.50	0.10	1.13	
		Cum	1	21.95	0.50	0.10	1.10	
		Cum	1	21.45	0.50	0.10	1.07	
		Cum	1	21.02	0.50	0.10	1.05	
	Rise	Cum	1	27.50	0.10	0.13	0.36	
		Cum	1	27.00	0.10	0.24	0.65	
		Cum	1	26.50	0.10	0.23	0.61	
		Cum	1	26.00	0.10	0.20	0.52	
		Cum	1	25.50	0.10	0.23	0.59	
		Cum	1	25.00	0.10	0.23	0.58	
		Cum	1	24.50	0.10	0.23	0.56	
		Cum	1	24.00	0.10	0.24	0.58	
		Cum	1	23.50	0.10	0.22	0.52	
		Cum	1	23.00	0.10	0.17	0.39	
		Cum	1	22.50	0.10	0.18	0.41	
		Cum	1	21.95	0.10	0.15	0.33	
		Cum	1	21.45	0.10	0.16	0.34	
		Cum	1	21.02	0.10	0.17	0.36	
		Cum	1	21.02	0.10	0.17	0.36	
	Top	Cum	1	29.50	2.10	0.10	6.20	
	West Side							
	Treads	Cum	1	34.50	0.50	0.10	1.73	
		Cum	1	33.50	0.50	0.10	1.68	
		Cum	1	32.50	0.50	0.10	1.63	
		Cum	1	31.50	0.50	0.10	1.58	
		Cum	1	30.45	0.50	0.10	1.52	
		Cum	1	29.50	0.50	0.10	1.48	
		Cum	1	28.55	0.50	0.10	1.43	
		Cum	1	27.56	0.50	0.10	1.38	
		Cum	1	26.58	0.50	0.10	1.33	

TOR

ASSISTANT ENGINEER

Asst. Executive Engineer
Yelahanka Sub Division
Yelahanka, Bangalore

ASSISTANT EXECUTIVE ENGINEER

BRUHAT BANGALORE MAHANAGARA PALIKE

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ge in m	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Remarks
To								
		Cum	1	25.60	0.50	0.10	1.28	
		Cum	1	24.61	0.50	0.10	1.23	
		Cum	1	23.55	0.50	0.10	1.18	
		Cum	1	22.50	0.50	0.10	1.13	
		Cum	1	21.45	0.50	0.10	1.07	
	Rise							
		Cum	1	34.50	0.10	0.13	0.45	
		Cum	1	33.50	0.10	0.24	0.80	
		Cum	1	32.50	0.10	0.23	0.75	
		Cum	1	31.50	0.10	0.20	0.63	
		Cum	1	30.45	0.10	0.23	0.70	
		Cum	1	29.50	0.10	0.23	0.68	
		Cum	1	28.55	0.10	0.23	0.66	
		Cum	1	27.56	0.10	0.24	0.66	
		Cum	1	26.58	0.10	0.22	0.58	
		Cum	1	25.60	0.10	0.20	0.51	
		Cum	1	24.61	0.10	0.18	0.44	
		Cum	1	23.55	0.10	0.15	0.35	
		Cum	1	22.50	0.10	0.17	0.38	
		Cum	1	21.45	0.10	0.17	0.36	
		Cum	1	21.45	0.10	0.17	0.36	
	Top	Cum	1	34.50	2.10	0.10	7.25	
						Total Executed Quantity	95.80	
						Qty Carried to Summary	95.80	

TOR

ASSISTANT ENGINEER

Asst. Executive Engineer
Yelahanka Sub Division
(Bavoink, Zn)
ASSISTANT EXECUTIVE ENGINEER
Yelahanka, Bangalore

BRUHAT BANGALORE MAHANAGARA PALIKE

ME OF THE PROJECT: IMPROVEMENTS TO KALYANI AT YELAHANKA LAKE IN KEMPEGOWDA WARD NO-01

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ient	**Sri. P.Dhamodara Raju, No: 19, 3rd Floor, 1st main, Nrupathunganagara, J.P.Nagara, 7th Phase, Bangalore-560078**

age in m	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Remarks
To								
No. 02	Earthwork excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in hard soil not exceeding 1.5 m. in depth including dressing the bottom and sides of pits and trenches, stacking the exavated soil clear from edges of excavation with lead upto 50 m. after breaking of clods Complete as per specifications and the directions of the Engineer-in-charge							
rements en on	04-09-2021							
	SSM Excavation for GYM Equipment Platform							
	Longer Direction	Cum	2	9.15	0.90	0.60	9.88	
	Shorter Direction	Cum	2	3.70	0.90	0.60	4.00	
	Platform	Cum	1	1.89	0.90	0.60	1.02	
	Steps	Cum	2	1.89	0.90	0.60	2.04	
	Sump							
	For sump	cum	1	1.50	1.50	1.60	3.60	
						Total Executed Quantity	**20.54**	
						Qty Carried to Summary	**20.54**	

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Yhk. Zn)
Yelahanka, Bangalore

CONTRACTOR

ASSISTANT ENGINEER

ASSISTANT EXECUTIVE ENGINEER

BRUHAT BANGALORE MAHANAGARA PALIKE

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ge in m	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Remarks
To								
No. 03	Providing and Filling in foundation with granite / trap broken metal 100mm. and down size, with approved sand including hand packing, ramming, watering, including cost of all materials and labour with all lead and lift.Complete as per specifications and the directions of the Engineer-in-charge							
rements en on	06-10-2021							
	Retaining wall							
	Base concrete	Cum	4	1.85	2.20	0.15	2.44	
	Shiva temple							
		Cum	4	1.82	2.20	0.15	2.40	
	SSM Excavation for GYM Equipment Platform							
	Longer Direction	Cum	2	9.15	0.90	0.10	1.65	
	Shorter Direction	Cum	2	3.70	0.90	0.10	0.67	
	Platform	Cum	2	1.89	0.90	0.10	0.17	
	Steps	Cum	2	1.89	0.90	0.10	0.34	
						Total Executed Quantity	**7.67**	
						Qty Carried to Summary	**7.67**	

Asst. Executive Engineer
Yelahanka Sub Division
(BBMP Ynk. Zn)
Yelahanka, Bangalore

CTOR

ASSISTANT ENGINEER

ASSISTANT EXECUTIVE ENGINEER

BRUHAT BANGALORE MAHANAGARA PALIKE

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ient Sri. P.Dhamodara Raju, No: 19, 3rd Floor, 1st main, Nrupathunganagara, J.P.Nagara, 7th Phase, Bangalore-560078

age in m	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Remarks
To								
No. 04	Providing and laying in position plain cement concrete of mix 1:4:8(M7.5)with OPC cement @ 180kgs, with 40mm and down size graded granite metal coarse aggregates @0.85cum and fine aggregtes @ 0.57cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation including cost of all materials, labour, HOM of machinery, curing Complete as per specifications and the directions of the Engineer-in-charge							
irements en on	22-09-2021							
	SSM Below							
	Longer Direction	Cum	2	9.15	0.90	0.15	2.47	
	Shorter Direction	Cum	2	3.70	0.90	0.15	1.00	
	Platform	Cum	1	1.89	0.90	0.15	0.26	
	Steps	Cum	2	1.89	0.90	0.15	0.51	
	For sump	Cum	1	1.50	1.50	0.10	0.23	
						Total Executed Quantity	**4.46**	
						Qty Carried to Summary	**4.46**	

Asst. Executive Engineer
Yelahanka Sub Divison
(BBMP Yhk. Zn)
Yelahanka, Bangalore

CTOR ASSISTANT ENGINEER ASSISTANT EXECUTIVE ENGINEER

BRUHAT BANGALORE MAHANAGARA PALIKE

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lient Sri. P.Dhamodara Raju, No: 19, 3rd Floor, 1st main, Nrupathunganagara, J.P.Nagara, 7th Phase, Bangalore-560078

age in m	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Remarks
To								
No. 05	Providing and laying in position plain cement concrete of mix 1:3:6 with OPC cement @ 220kgs, with 40mm and down size graded granite metal coarse aggregates @0.892cum and fine aggregates @ 0.465cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation including cost of all materials, labour, HOM of machinery, curing Complete as per specifications and the directions of the Engineer-in-charge							
irements en on	24-09-2021							
	Platform	Cum	1	5.50	9.15	0.15	7.55	
		Cum	1	1.89	0.60	0.15	0.17	
						Total Executed Quantity	7.72	
						Qty Carried to Summary	7.72	

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24/9

Asst. Executive Engineer
Yelahanka Sub. Division
(BBMP Tnk. Zn)
Yelahanka, Bangalore

ACTOR

ASSISTANT ENGINEER

ASSISTANT EXECUTIVE ENGINEER

BRUHAT BANGALORE MAHANAGARA PALIKE

ME OF THE PROJECT: IMPROVEMENTS TO KALYANI AT YELAHANKA LAKE IN KEMPEGOWDA WARD NO-01

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ge in m	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Remarks
To								
No. 06	Providing and laying in position plain cement concrete of mix M15 with cement @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @0.878cum and fine aggregtes @ 0.53cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation,plinth and cills, including cost of all materials, labour, HOM of machinery, curing Complete as per specifications and the directions of the Engineer-in-charge (Quantity Upto 125%)							
rements en on	08-10-2021							
	Retaining wall							
	Base concrete	Cum	4	1.85	2.2	0.15	2.44	
	Shiva temple base concrete	Cum	4	1.82	2.2	0.15	2.40	
	At Kalyani pond area	Cum	1	19.5	18.5	0.12	43.29	
	SSM Excavation for GYM Equipment Platform							
	Longer Direction	Cum	2	9.15	0.60	0.15	1.65	
	Shorter Direction	Cum	2	4.30	0.60	0.15	0.77	
	Platform	Cum	1	1.89	0.60	0.15	0.17	
	Steps	Cum	2	1.89	0.60	0.15	0.34	
						Total Executed Quantity	**51.07**	
						Qty Carried to Summary	**51.07**	

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

RACTOR ASSISTANT ENGINEER ASSISTANT EXECUTIVE ENGINEER

BRUHAT BANGALORE MAHANAGARA PALIKE

ME OF THE PROJECT: IMPROVEMENTS TO KALYANI AT YELAHANKA LAKE IN KEMPEGOWDA WARD NO-01

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ge in m	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Remarks
To								
No. 07	Providing and constructing granite / trap / basalt size stone masonry in foundation cement mortar 1:6, stone hammerddressed in courses not less than 20 cms high, bond stones at 2m apart in each course including cost of materials, labour, curing Complete as per specifications and the directions of the Engineer-in-charge							
rements n on	13-10-2021							
	SSM for GYM Equipment Platform							
	Longer Direction	Cum	2	9.15	0.60	0.60	6.59	
	Shorter Direction	Cum	2	4.30	0.60	0.60	3.10	
	Platform	Cum	1	1.89	0.60	0.60	0.68	
	Steps	Cum	1	1.89	0.60	0.60	0.68	
		Cum	1	1.89	0.23	0.60	0.26	
						Total Executed Quantity	**11.31**	
						Qty Carried to Summary	**11.31**	

Asst. Executive Engineer
Yelahanka Sub. Divison
(SCMP Ynk. Zn)
Yelahanka, Bangalore

BRUHAT BANGALORE MAHANAGARA PALIKE

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nage in m		Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Remarks
	To								
n No. 10		Filling available excavated earth (excluding rock) in sides of foundations upto plinth in layers not exceeding 20 cms. in depth, compacting each deposited layer by ramming after watering with lead upto 50 m. and lift upto 1.5 m. including cost of all labour Complete as per specifications and the directions of the Engineer-in-charge (Quantity Upto 125%)							
surements ken on		18-10-2021							
		Excavated earth quantity	Cum						
			Cum	Qty required for filling					
			(Excavation Quantity - Concrete Quantity)						
		Excavation qty of footings						67.83	✓
		Concrete qty and SSM Footing qty						-40.32	✓
		Total Executed Quantity						**27.51**	✓
		Qty Carried to Summary						**27.51**	✓

Asst. Executive Engineer
Yelahanka Sub. Division
(BBMP Ynk. Zn)
Yelahanka, Bangalore

CONTRACTOR ASSISTANT ENGINEER ASSISTANT EXECUTIVE ENGINEER

BRUHAT BANGALORE MAHANAGARA PALIKE

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age in m	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Remarks
To								
No. 11	Conveying the excavated earth, debries etc., with all lead and lifts including loading and unloading charges etc., Complete as per specifications and the directions of the Engineer-in-charge							
rements en on	20-10-2021							
	Excavated Earth	Cum					67.83	
	Filling Available of Excavated	Cum					-27.51	
						Total Executed Quantity	**40.32**	
						Qty Carried to Summary	**40.32**	

Asst. Executive Engineer
Yelahanka Sub-Division
BBMP Ynk. Zone
Yelahanka, Bangalore

CTOR ASSISTANT ENGINEER ASSISTANT EXECUTIVE ENGINEER

BRUHAT BANGALORE MAHANAGARA PALIKE

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age in m	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Remarks
To								
No. 13	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for suspended floors, landings, balconies and likes, thickness upto 200 mm including cost of all materials, labour complete as per specificaitons for heights more than 3.50m from ground level. - 0 to 5 mtrs.Complete as per specifications and the directions of the Engineer-in-charge							
irements en on	18-10-2021, 16-11-2021							
	Ground Floor							
	Centering							
	Slab	Sqm	1	13	5.05		65.65	
	Deduction	Sqm	-1	1.65	1.35		-2.23	
		Sqm	-2	7.95	1.6		-25.44	
	For Sump							
	Cover slab	Sqm	1	1.5	1.5		2.25	
						Total Executed Quantity	**40.23**	
						Qty Carried to Summary	**40.23**	

Asst. Executive Engineer
Yelahanka Sub. Division II
(BBMP Yna Zn)
Yelahanka, Bangalore

BRUHAT BANGALORE MAHANAGARA PALIKE

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age in m	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Remarks
To								
No. 14	Providing and removing centering, shuttering, strutting, propping etc., for edges of slabs and breaks in floors including cost of all materials,labour Complete as per specifications and the directions of the Engineer-in-charge							
irements en on	16-11-2021							
	Ground Floor							
	Slab	Sqm	2	13		0.15	3.90	
		Sqm	2	5.05		0.15	1.52	
		Sqm	2	3.2		0.15	0.96	
						Total Executed Quantity	**6.38**	
						Qty Carried to Summary	**6.38**	

16/11

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

BRUHAT BANGALORE MAHANAGARA PALIKE

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ge in m	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Remarks
To								
No. 15	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for foundations, footings, bases of columns for mass concrete including cost of all materials, labour Complete as per specifications and the directions of the Engineer-in-charge (Quantity Upto 125%)							
rements en on	04-10-2021, 08-10-2021, 11-10-2021							
	Retaining wall							
	Base concrete	Sqm	8	4.05		0.2	6.48	
	wall concrete	Sqm	8	1.85		1.9	28.12	
	Shiva temple							
	base concrete	Sqm	4	4.02		0.2	3.22	
	wall concrete	Sqm	4	1.82		1.9	13.83	
	For Sump							
	Bottom slab	Sqm	1	6		0.15	0.90	
	Sump walls	Sqm	1	1.5		1.5	9.00	
		Sqm	4	1.2		1.5	7.20	
						Total Executed Quantity	**68.75**	
						Qty Carried to Summary	**68.75**	

Asst. Executive Engineer
Yelahanka Sub Division
(BBMP Yelk. Zn)
Yelahanka, Bangalore

TRACTOR ASSISTANT ENGINEER ASSISTANT EXECUTIVE ENGINEER

BRUHAT BANGALORE MAHANAGARA PALIKE

ME OF THE PROJECT: IMPROVEMENTS TO KALYANI AT YELAHANKA LAKE IN KEMPEGOWDA WARD NO-01

PREMEASUREMENT SHEET

First & Final Bill

lient Sri. P.Dhamodara Raju, No: 19, 3rd Floor, 1st main, Nrupathunganagara, J.P.Nagara, 7th Phase, Bangalore-560078

age in m	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Remarks
To								
No. 18	Providing T.M.T bars Fe 500 steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery Complete as per specifications and the directions of the Engineer-in-charge (Quantity Upto 125%)							
urements ken on	11-10-2021, 04-10-2021, 08-10-2021							
	Ground Floor							
	Retaining wall	tonne	From Steel Calculation				2.27	
	Slab	tonne	From Steel Calculation				0.42	
	Sump walls	tonne	From Steel Calculation				0.23	
						Total Executed Quantity	2.92	
						Qty Carried to Summary	2.92	

Asst. Executive Engineer
Yelahanka Sub. Division
(BBMP Ynk. Zn)
Yelahanka, Bangalore

TRACTOR ASSISTANT ENGINEER ASSISTANT EXECUTIVE ENGINEER

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF THE PROJECT: IMPROVEMENTS TO KALYANI AT YELAHANKA LAKE IN KEMPEGOWDA WARD NO-01

MEASUREMENT SHEET

First & Final Bill

Sri. P.Dhamodara Raju, No: 19, 3rd Floor, 1st main, Nrupathunganagara, J.P.Nagara, 7th Phase, Bangalore-560078

eat / age in m / To	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Rate Rs	Amount Rs	Remarks
No.01	Dismantling of existing structures like culverts,bridges, retaining walls and other structure comprising of masonry, cement concrete, wood work, steel work, including T&P and scaffolding wherevernecessary, sorting the dismantled material, disposal of unserviceablematerial and stacking the serviceable material with all lifts complete asper specifications Dismantling brick/Tile work B. In cement mortar. Complete as per specifications and the directions of the Engineer-in-charge									
		cum								
	Vide Total executed Quantity from premeasuremet Page no.						95.80			
	Modified Schedule B Quantity						95.80			
	Now To be Paid Quantity						95.80	468.86	44916.10	
No. 02	Earthwork excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in hard soil not exceeding 1.5 m. in depth including dressing the bottom and sides of pits and trenches, stacking the exavated soil clear from edges of excavation with lead upto 50 m. after breaking of clods Complete as per specifications and the directions of the Engineer-in-charge									
		cum								
	Vide Total executed Quantity from premeasuremet Page no.						20.54			
	Modified Schedule B Quantity						20.54			
	Now To be Paid Quantity						20.54	506.50	10403.50	
a No. 03	Providing and Filling in foundation with granite / trap broken metal 100mm. and down size, with approved sand including hand packing, ramming, watering, including cost of all materials and labour with all lead and lift.Complete as per specifications and the directions of the Engineer-in-charge									
		cum								
	Vide Total executed Quantity from premeasuremet Page no.						7.67			
	Modified Schedule B Quantity						7.67			
	Now To be Paid Quantity						7.67	2740.06	21010.00	
m No. 04	Providing and laying in position plain cement concrete of mix 1:4:8(M7.5)with OPC cement @ 180kgs, with 40mm and down size graded granite metal coarse aggregates @0.85cum and fine aggregtes @ 0.57cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation including cost of all materials, labour, HOM of machinery, curing Complete as per specifications and the directions of the Engineer-in-charge									
		cum								
	Vide Total executed Quantity from premeasuremet Page no.						4.46			
	Modified Schedule B Quantity						4.46			
	Now To be Paid Quantity						4.46	5755.36	25668.70	
m No. 05	Providing and laying in position plain cement concrete of mix 1:3:6 with OPC cement @ 220kgs, with 40mm and down size graded granite metal coarse aggregates @0.892cum and fine aggregates @ 0.465cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation including cost of all materials, labour, HOM of machinery, curing Complete as per specifications and the directions of the Engineer-in-charge									
		cum								
	Vide Total executed Quantity from premeasuremet Page no.						7.72			
	Modified Schedule B Quantity						7.72			
	Now To be Paid Quantity						7.72	5859.14	45225.90	
m No. 06	Providing and laying in position plain cement concrete of mix M15 with cement @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @0.878cum and fine aggregtes @ 0.53cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation,plinth and cills, including cost of all materials, labour, HOM of machinery, curing Complete as per specifications and the directions of the Engineer-in-charge (Quantity Upto 125%)									
		cum								
	Vide Total executed Quantity from premeasuremet Page no.						51.07			
	Tender Quantity						6.29			
	Now To be Paid Quantity									
	Quantity Upto 125%						7.86	6116.34	48089.80	
	Quantity Above 125%						43.20	6677.79	288501.90	

CONTRACTOR

ASSISTANT ENGINEER

Asst. Executive Engineer
Yelahanka Sub Division
(RR Pkg. No. 2)

ASSISTANT EXECUTIVE ENGINEER

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF THE PROJECT: IMPROVEMENTS TO KALYANI AT YELAHANKA LAKE IN KEMPEGOWDA WARD NO-01

MEASUREMENT SHEET

First & Final Bill

Sri. P.Dhamodara Raju, No: 19, 3rd Floor, 1st main, Nrupathunganagara, J.P.Nagara, 7th Phase, Bangalore-560078

ent	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Rate Rs	Amount Rs	Remarks
age in e To										
o. 07	Providing and constructing granite / trap / basalt size stone masonry in foundation cement mortar 1:6, stone hammerddressed in courses not less than 20 cms high, bond stones at 2m apart in each course including cost of materials, labour, curing Complete as per specifications and the directions of the Engineer-in-charge									
		cum								
	Vide Total executed Quantity from premeasuremet Page no.						**11.31**			
	Modified Schedule B Quantity						**11.31**			
	Now To be Paid Quantity						**11.31**	**5184.56**	**58614.70**	
No. 08	Providing and constructing granite / trap / basalt size stone masonry in superstructure with cement mortar 1:4 , edges of stones chistle dressed in courses not less than 15 cms high, bond stones at two m. apart in each course including cost of materials, labour, scaffolding, curing Complete as per specifications and the directions of the Engineer-in-charge									
		cum								
	Vide Total executed Quantity from premeasuremet Page no.						**8.03**			
	Modified Schedule B Quantity						**8.03**			
	Now To be Paid Quantity						**8.03**	**6774.00**	**54423.20**	
No. 09	Providing ruled pointing to coursed stone masonry with cement mortar 1:3, 20mm deep, after raking joints to depth of 20mm nicely lining, including cost of materials, labour, curing Complete as per specifications and the directions of the Engineer-in-charge									
		Sqm								
	Vide Total executed Quantity from premeasuremet Page no.						**13.81**			
	Modified Schedule B Quantity						**13.81**			
	Now To be Paid Quantity						**13.81**	**160.18**	**2211.50**	
No. 10	Filling available excavated earth (excluding rock) in sides of foundations upto plinth in layers not exceeding 20 cms. in depth, compacting each deposited layer by ramming after watering with lead upto 50 m. and lift upto 1.5 m. including cost of all labour Complete as per specifications and the directions of the Engineer-in-charge (Quantity Upto 125%)									
		cum								
	Vide Total executed Quantity from premeasuremet Page no.						**27.51**			
	Tender Quantity						**8.95**			
	Now To be Paid Quantity									
	Quantity Upto 125%						**11.19**	**226.74**	**2536.70**	
	Quantity Above 125%						**16.32**	**226.74**	**3701.20**	
No. 11	Conveying the excavated earth, debries etc., with all lead and lifts including loading and unloading charges etc., Complete as per specifications and the directions of the Engineer-in-charge									
		cum								
	Vide Total executed Quantity from premeasuremet Page no.						**40.32**			
	Modified Schedule B Quantity						**40.32**			
	Now To be Paid Quantity						**40.32**	**70.08**	**2825.30**	
No. 12	Providing and laying in position plain cement concrete of mix M20 with OPC cement @ 300kgs, with 20mm and down size graded granite metal coarse aggregates @0.69cum and fine aggregtes @ 0.43cum, with superplastisiser @3lts confirming to IS9103-1999 Reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, plinth and cills, including cost of all materials, labour, HOM of machinery, curingComplete as per specifications and the directions of the Engineer-in-charge (Quantity Upto 125%)									
surement aken on	10-10-2021									
	North Side									
	Treads	Cum	1	27.40	0.50	0.15	2.06			
		Cum	1	27.00	0.50	0.30	4.05			
		Cum	1	26.40	0.50	0.15	1.98			
		Cum	1	26.00	0.50	0.30	3.90			
		Cum	1	25.40	0.50	0.15	1.91			

10/1

TRACTOR

ASSISTANT ENGINEER

Asst. Executive Engineer
Yelahanka Sub Division
(BBMP West Zone)
Yelahanka, Bangalore

ASSISTANT EXECUTIVE ENGINEER

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF THE PROJECT: IMPROVEMENTS TO KALYANI AT YELAHANKA LAKE IN KEMPEGOWDA WARD NO-01

MEASUREMENT SHEET

First & Final Bill

Sri. P.Dhamodara Raju, No: 19, 3rd Floor, 1st main, Nrupathunganagara, J.P.Nagara, 7th Phase, Bangalore-560078

Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Rate Rs	Amount Rs	Remarks
	Cum	1	25.00	0.50	0.30	3.75			
	Cum	1	24.40	0.50	0.15	1.83			
	Cum	1	24.00	0.50	0.30	3.60			
	Cum	1	23.50	0.50	0.15	1.76			
	Cum	1	23.00	0.50	0.30	3.45			
	Cum	1	22.50	0.50	0.15	1.69			
	Cum	1	21.90	0.50	0.30	3.29			
	Cum	1	21.10	0.50	0.15	1.58			
Rise	Cum	1	27.40	0.10	0.15	0.41			
	Cum	1	27.00	0.10	0.15	0.41			
	Cum	1	26.40	0.10	0.15	0.40			
	Cum	1	26.00	0.10	0.15	0.39			
	Cum	1	25.40	0.10	0.15	0.38			
	Cum	1	25.00	0.10	0.15	0.38			
	Cum	1	24.40	0.10	0.15	0.37			
	Cum	1	24.00	0.10	0.15	0.36			
	Cum	1	23.50	0.10	0.15	0.35			
	Cum	1	23.00	0.10	0.15	0.35			
	Cum	1	22.50	0.10	0.15	0.34			
	Cum	1	21.90	0.10	0.15	0.33			
	Cum	1	21.10	0.10	0.15	0.32			
South Side									
Treads	Cum	1	27.50	0.50	0.15	2.06			
	Cum	1	27.00	0.50	0.30	4.05			
	Cum	1	26.50	0.50	0.15	1.99			
	Cum	1	26.00	0.50	0.30	3.90			
	Cum	1	25.50	0.50	0.15	1.91			
	Cum	1	25.00	0.50	0.30	3.75			
	Cum	1	24.50	0.50	0.15	1.84			
	Cum	1	24.00	0.50	0.30	3.60			
	Cum	1	23.50	0.50	0.15	1.76			
	Cum	1	23.00	0.50	0.30	3.45			
	Cum	1	22.50	0.50	0.15	1.69			
	Cum	1	21.95	0.50	0.30	3.29			
	Cum	1	21.45	0.50	0.15	1.61			
Rise	Cum	1	27.50	0.10	0.15	0.41			
	Cum	1	27.00	0.10	0.15	0.41			
	Cum	1	26.50	0.10	0.15	0.40			
	Cum	1	26.00	0.10	0.15	0.39			
	Cum	1	25.50	0.10	0.15	0.38			
	Cum	1	25.00	0.10	0.15	0.38			
	Cum	1	24.50	0.10	0.15	0.37			
	Cum	1	24.00	0.10	0.15	0.36			
	Cum	1	23.50	0.10	0.15	0.35			

CFC Depth 22/03

ASSISTANT ENGINEER

Asst. Executive Engineer Yelahanka Sub Division (BBMP) Zone

ASSISTANT EXECUTIVE ENGINEER

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF THE PROJECT: IMPROVEMENTS TO KALYANI AT YELAHANKA LAKE IN KEMPEGOWDA WARD NO-01

MEASUREMENT SHEET

First & Final Bill

Sri. P.Dhamodara Raju, No: 19, 3rd Floor, 1st main, Nrupathunganagara, J.P.Nagara, 7th Phase, Bangalore-560078

e in To	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Rate Rs	Amount Rs	Remarks
		Cum	1	23.00	0.10	0.15	0.35			
		Cum	1	22.50	0.10	0.15	0.34			
		Cum	1	21.95	0.10	0.15	0.33			
		Cum	1	21.45	0.10	0.15	0.32			
		Cum	1	21.02	0.10	0.15	0.32			
	West Side									
	Treads	Cum	1	34.70	0.50	0.15	2.60			
		Cum	1	33.70	0.50	0.30	5.06			
		Cum	1	32.80	0.50	0.15	2.46			
		Cum	1	31.70	0.50	0.30	4.76			
		Cum	1	30.60	0.50	0.15	2.30			
		Cum	1	29.70	0.50	0.30	4.46			
		Cum	1	28.80	0.50	0.15	2.16			
		Cum	1	27.70	0.50	0.30	4.16			
		Cum	1	26.65	0.50	0.15	2.00			
		Cum	1	25.70	0.50	0.30	3.86			
		Cum	1	24.80	0.50	0.15	1.86			
		Cum	1	23.55	0.50	0.30	3.53			
		Cum	1	22.50	0.50	0.15	1.69			
	Rise									
		Cum	1	34.70	0.10	0.15	0.52			
		Cum	1	33.70	0.10	0.15	0.51			
		Cum	1	32.80	0.10	0.15	0.49			
		Cum	1	31.70	0.10	0.15	0.48			
		Cum	1	30.60	0.10	0.15	0.46			
		Cum	1	29.70	0.10	0.15	0.45			
		Cum	1	28.80	0.10	0.15	0.43			
		Cum	1	27.70	0.10	0.15	0.42			
		Cum	1	26.65	0.10	0.15	0.40			
		Cum	1	25.70	0.10	0.15	0.39			
		Cum	1	24.80	0.10	0.15	0.37			
		Cum	1	23.55	0.10	0.15	0.35			
		Cum	1	22.50	0.10	0.15	0.34			
						Total Executed Quantity	126.06			
						Tender Quantity	95.80			
						Now To be Paid Quantity				
						Quantity Upto 125%	119.75	6010.30	719733.50	
						Quantity Above 125%	6.31	6712.11	42345.40	
No. 13	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for suspended floors, landings, balconies and likes, thickness upto 200 mm including cost of all materials, labour complete as per specificaitons for heights more than 3.50m from ground level. - 0 to 5 mtrs.Complete as per specifications and the directions of the Engineer-in-charge									
		Sqm								
	Vide Total executed Quantity from premeasuremet Page no.						40.23			
						Modified Schedule B Quantity	40.23			
						Now To be Paid Quantity	40.23	451.22	18153.80	
No. 14	Providing and removing centering, shuttering, strutting, propping etc., for edges of slabs and breaks in floors including cost of all materials,labour Complete as per specifications and the directions of the Engineer-in-charge									
		Sqm								
	Vide Total executed Quantity from premeasuremet Page no.						6.38			
						Modified Schedule B Quantity	6.38			
						Now To be Paid Quantity	6.38	851.69	5429.60	

CONTRACTOR

ASSISTANT ENGINEER

Asst. Executive Engineer
Yelahanka Sub. Divison

ASSISTANT EXECUTIVE ENGINEER

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF THE PROJECT: IMPROVEMENTS TO KALYANI AT YELAHANKA LAKE IN KEMPEGOWDA WARD NO-01

MEASUREMENT SHEET

First & Final Bill

Sri. P.Dhamodara Raju, No: 19, 3rd Floor, 1st main, Nrupathunganagara, J.P.Nagara, 7th Phase, Bangalore-560078

Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Rate Rs	Amount Rs	Remarks
Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for foundations, footings, bases of columns for mass concrete including cost of all materials, labour Complete as per specifications and the directions of the Engineer-in-charge (Quantity Upto 125%)									
	Sqm								
Vide Total executed Quantity from premeasuremet Page no.						**68.75**			
Tender Quantity						**17.10**			
Now To be Paid Quantity									
Quantity Upto 125%						**21.38**	**291.04**	**6221.00**	
Quantity Above 125%						**47.37**	**291.04**	**13787.50**	
Providing and laying cement concrete using 20 mm and down size granite coarse aggregates and fine aggregates of ready mixed concrete (RMC) for R.C.C works laid in 15 cms thick layers and well compacted including vibrating, curing, etc for all super Structure works with all lead and Lift etc., Complete as per specifications and the directions of the Engineer-in-charge									
Ground Floor									
Slab	Cum	1	13.00	5.05	0.15	9.85			
Deduction (d+c)	Cum	-1	1.65	1.35	0.15	-0.33			
	Cum	-2	7.95	1.60	0.15	-3.82			
Total Executed Quantity						**5.70**			
Modified Schedule B Quantity						**5.70**			
Now To be Paid Quantity						**5.70**	**6200.95**	**35329.20**	
Providing and laying in position reinforced cement concrete of Design mix M25 with OPC cement @ 340kgs, with 20mm and down size graded granite metal coarse aggregates @0.70 cum and fine aggregtes @ 0.47cum, with super plasticisers @ 3 liters confirming to is 9103-1999 reafirmed-2008 at machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in foundation for footings, pedastals, retaining walls, return walls, walls (any thickness) including attached pilasters, columnspillars, posts, struts, buttresses, bed blocks, anchor blocks & plinths etc., including cost of all materials, labour, HOM of machinery, curing. Complete as per specifications and the directions of the Engineer-in-charge (Quantity Upto 125%)									
Retaining wall									
Base concrete	Cum	4	1.85	2.2	0.2	3.26			
wall concrete	Cum	4	1.85	0.2	1.9	2.81			
Shiva temple									
base concrete	Cum	4	1.82	2.2	0.2	3.20			
wall concrete	Cum	4	1.82	0.2	1.9	2.77			
For sump									
Bottom slab	Cum	1	1.50	1.50	0.15	0.34			
Sump walls	Cum	2	1.50	0.15	1.50	0.68			
	Cum	2	1.20	0.15	1.50	0.54			
Cover slab	Cum	1	1.50	1.50	0.15	0.34			
Total Executed Quantity						**13.93**			
Tender Quantity						**1.89**			
Now To be Paid Quantity									
Quantity Upto 125%						**2.36**	**6556.28**	**15489.30**	
Quantity Above 125%						**11.57**	**7351.67**	**85022.80**	

ASSISTANT ENGINEER

Asst. Executive Engineer
Yelahanka Sub Division
(BBMP North Zone)

ASSISTANT EXECUTIVE ENGINEER

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF THE PROJECT: IMPROVEMENTS TO KALYANI AT YELAHANKA LAKE IN KEMPEGOWDA WARD NO-01

MEASUREMENT SHEET

First & Final Bill

Sri. P.Dhamodara Raju, No: 19, 3rd Floor, 1st main, Nrupathunganagara, J.P.Nagara, 7th Phase, Bangalore-560078

Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Rate Rs	Amount Rs	Remarks
To									
	Sqm	1	4.20		1.20	5.04			
Room									
Long Wall	Sqm	0	5.15		2.30	0.00			
				Triangular					
Short wall	Sqm	0	4.90		2.30	0.00			
Deduction									
D	Sqm	0	0.90		2.10	0.00			
					Total Executed Quantity	59.88			
					Modified Schedule B Quantity	59.88			
					Now To be Paid Quantity	59.88	383.54	22966.40	
No. 28 Providing and fixing for flooring 40mm thick sadarhalli grey flammed granite slab for bath areas in Bathrooms over a bed of 25mm thick CM 1:6 and fixing granite slab with CM 1:3.Complete as per specifications and the directions of the Engineer-in-charge									
North Side									
Treads	Sqm	1	27.40	0.52		14.25			
	Sqm	1	27.00	0.52		14.04			
	Sqm	1	26.40	0.52		13.73			
	Sqm	1	26.00	0.52		13.52			
	Sqm	1	25.40	0.52		13.21			
	Sqm	1	25.00	0.52		13.00			
	Sqm	1	24.40	0.52		12.69			
	Sqm	1	24.00	0.52		12.48			
	Sqm	1	23.50	0.52		12.22			
	Sqm	1	23.00	0.52		11.96			
	Sqm	1	22.50	0.52		11.70			
	Sqm	1	21.90	0.52		11.39			
	Sqm	1	21.10	0.75		15.83			
South Side									
Treads	Sqm	1	27.40	0.52		14.25			
	Sqm	1	27.00	0.52		14.04			
	Sqm	1	26.40	0.52		13.73			
	Sqm	1	26.00	0.52		13.52			
	Sqm	1	25.40	0.52		13.21			
	Sqm	1	25.00	0.52		13.00			
	Sqm	1	24.40	0.52		12.69			
	Sqm	1	24.00	0.52		12.48			
	Sqm	1	23.50	0.52		12.22			
	Sqm	1	23.00	0.52		11.96			
	Sqm	1	22.50	0.52		11.70			
	Sqm	1	21.90	0.52		11.39			
	Sqm	1	21.10	0.75		15.83			
	Sqm	-1	7.95	1.85		-14.71			
Ramp									
West Side									
Treads	Sqm	1	34.70	0.52		18.04			
	Sqm	1	33.70	0.52		17.52			
	Sqm	1	32.80	0.52		17.06			
	Sqm	1	31.70	0.52		16.48			
	Sqm	1	30.60	0.52		15.91			
	Sqm	1	29.70	0.52		15.44			

CONTRACTOR

ASSISTANT ENGINEER

Asst. Executive Engineer
Yelahanka Division

ASSISTANT EXECUTIVE ENGINEER

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF THE PROJECT: IMPROVEMENTS TO KALYANI AT YELAHANKA LAKE IN KEMPEGOWDA WARD NO-01

MEASUREMENT SHEET

First & Final Bill

Sri. P.Dhamodara Raju, No: 19, 3rd Floor, 1st main, Nrupathunganagara, J.P.Nagara, 7th Phase, Bangalore-560078

Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Rate Rs	Amount Rs	Remarks
To									
	Sqm	1	28.80	0.52		14.98			
	Sqm	1	27.70	0.52		14.40			
	Sqm	1	26.65	0.52		13.86			
	Sqm	1	25.70	0.52		13.36			
	Sqm	1	24.80	0.52		12.90			
	Sqm	1	23.55	0.52		12.25			
	Sqm	1	22.50	0.75		16.88			
					Total Executed Quantity	524.39			
					Modified Schedule B Quantity	524.39			
					Now To be Paid Quantity	524.39	2068.86	1084880.20	
No. 29	Providing and fixing of wall cladding using 20 mm thick gang saw water cut granite in CM 1:3 proportion cut to required shape patron with paper joint finished with cement mortar using white cement and colour pigments to match the colour of slab making through jointing with sealant, making holes 25mm × 12mm grooves in joints including curing etc., complete - with grey granite 20mm thick gang saw with minimum width 1200Complete as per specifications and the directions of the Engineer-in-charge								
rement en on									
East Side									
Wall Cladding	Sqm	0	20.95		3.08	0.00			
	Sqm	0	8.10		1.54	0.00			
	Sqm	0	7.50		1.54	0.00			
For Colums									
	Sqm	12	0.55		3.28	21.65			
At Shiva Temple Ramp									
Slab	Sqm	1	13.00	5.05		65.65			
Deduction	Sqm	-1	1.65	1.35		-2.23			
	Sqm	-2	7.95	1.60		-25.44			
North Side									
Rise	Sqm	1	27.40		0.15	4.11			
	Sqm	1	27.00		0.15	4.05			
	Sqm	1	26.40		0.15	3.96			
	Sqm	1	26.00		0.15	3.90			
	Sqm	1	25.40		0.15	3.81			
	Sqm	1	25.00		0.15	3.75			
	Sqm	1	24.40		0.15	3.66			
	Sqm	1	24.00		0.15	3.60			
	Sqm	1	23.50		0.15	3.53			
	Sqm	1	23.00		0.15	3.45			
	Sqm	1	22.50		0.15	3.38			
	Sqm	1	21.90		0.15	3.29			
	Sqm	1	21.10		0.15	3.17			
South Side									
Rise	Sqm	1	27.40		0.15	4.11			
	Sqm	1	27.00		0.15	4.05			
	Sqm	1	26.40		0.15	3.96			
	Sqm	1	26.00		0.15	3.90			
	Sqm	1	25.40		0.15	3.81			
	Sqm	1	25.00		0.15	3.75			
	Sqm	1	24.40		0.15	3.66			
	Sqm	1	24.00		0.15	3.60			
	Sqm	1	23.50		0.15	3.53			
	Sqm	1	23.00		0.15	3.45			

ASSISTANT ENGINEER

Asst. Executive Engineer
Yelahanka Division
(BBMP)
Yelahanka, Bangalore

ASSISTANT EXECUTIVE ENGINEER

NTRACTOR

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF THE PROJECT: IMPROVEMENTS TO KALYANI AT YELAHANKA LAKE IN KEMPEGOWDA WARD NO-01

MEASUREMENT SHEET

First & Final Bill

Sri. P.Dhamodara Raju, No: 19, 3rd Floor, 1st main, Nrupathunganagara, J.P.Nagara, 7th Phase, Bangalore-560078

ge in / To	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Rate Rs	Amount Rs	Remarks
		Sqm	1	22.50		0.15	3.38			
		Sqm	1	21.90		0.15	3.29			
		Sqm	1	21.10		0.15	3.17			
	West Side									
	Rise	Sqm	1	34.70		0.15	5.21			
		Sqm	1	33.70		0.15	5.06			
		Sqm	1	32.80		0.15	4.92			
		Sqm	1	31.70		0.15	4.76			
		Sqm	1	30.60		0.15	4.59			
		Sqm	1	29.70		0.15	4.46			
		Sqm	1	28.80		0.15	4.32			
		Sqm	1	27.70		0.15	4.16			
		Sqm	1	26.65		0.15	4.00			
		Sqm	1	25.70		0.15	3.86			
		Sqm	1	24.80		0.15	3.72			
		Sqm	1	23.55		0.15	3.53			
		Sqm	1	22.50		0.15	3.38			
						Total Executed Quantity	210.85			
						Modified Schedule B Quantity	210.85			
						Now To be Paid Quantity	210.85	2760.36	582009.50	
No. 30	Providing Ceramic tiles of size 30x30cms 6mm thick of approved make ,shade and size for flooring, treads of steps and landings laid on a bed of 12mm thick, cement mortar 1:3 mix, flush pointing with white cement using colour pigment , including cost of materials, labour, curing,Complete as per specifications and the directions of the Engineer-in-charge									
urement ken on										
	At Kalyani pond area	Sqm	1	19.5	18.5		360.75			
	Wall	Sqm	2	18.50		0.51	18.87			
		Sqm	2	19.50		0.51	19.89			
	Wall Top	Sqm	2	18.50	0.70		25.90			
		Sqm	1	19.50	0.70		13.65			
		Sqm	1	19.50	0.25		4.88			
	At Colums Around	Sqm	12	1.96		0.51	12.00			
	Around SSM Footing	Sqm	2	12.00		0.60	14.40			
		Sqm	1	7.30		0.60	4.38			
							0.00			
	Deduction									
	Colums	Sqm	-12	0.96	1.00		-11.52			
	Slab	Sqm	-2	12.00	1.20		-28.80			
		Sqm	-1	4.90	7.30		-35.77			
						Total Executed Quantity	398.62			
						Modified Schedule B Quantity	398.62			
						Now To be Paid Quantity	398.62	1364.95	544096.70	
m No. 31	Fixing of door frames in an existing opening including embedding frame in floor and walls after cutting masonary for holdfasts for embedding holdfast in cement concrete 1:3:6 of 20mm and downsize granite metal painting two coats of coal tar to sides of frame,making good the damages to walls and floor as required and disposal of the debries with lead upto 50 m. including cost of materials, labour, Complete as per specifications and the directions of the Engineer-in-charge									
	Item Not Operated									
m No. 32	Providing Honne wood frames of doors, windows, clerestory windows,ventilators and other frames , wrought, framed or assembled including making plaster groves (excluding cost of cement concrete and side clamps),but including cost of materials, labour, HOM of machineries Complete as per specifications and the directions of the Engineer-in-charge									
	Item Not Operated									

ASSISTANT ENGINEER

Asst. Executive Engineer
Yelahanka Sub Division
(South Zone)
Yelahanka, Bangalore

ASSISTANT EXECUTIVE ENGINEER

CONTRACTOR

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF THE PROJECT: IMPROVEMENTS TO KALYANI AT YELAHANKA LAKE IN KEMPEGOWDA WARD NO-01

MEASUREMENT SHEET

First & Final Bill

Sri. P.Dhamodara Raju, No: 19, 3rd Floor, 1st main, Nrupathunganagara, J.P.Nagara, 7th Phase, Bangalore-560078

ge in	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Rate Rs	Amount Rs	Remarks
To										
	Total Executed Quantity						92.34			
	Tender Quantity						45.54			
	Now To be Paid Quantity									
	Quantity Upto 125%						56.93	6792.05	386637.50	
	Quantity Above 125%						35.42	6792.05	240540.50	
No. 38	Providing and laying/fixing cement base, precast, pre polished cement concrete, designer tiles 25mm thick for flooring conforming to IS 1237 heavy duty tiles for flooring, treads of steps and landing, laid on a bed of 12mm thick cement mortar 1:3 mis finished with flush pointing using white cement, including cost of materials, mortar including cutting, griding the edge to half/full round wherever required, labour, curing Complete as per specifications and the directions of the Engineer-in-charge									
rement ken on										
	Platform	Cum	1	5.50	9.15		50.33			
		Cum	1	1.89	0.60		1.13			
	Total Executed Quantity						51.46			
	Modified Schedule B Quantity						51.46			
	Now To be Paid Quantity						51.46	1389.77	71516.20	
No. 39	Providing and laying/fixing Submersible Pump 5HP/3.7kw, 12 Stage , Complete as per specifications and the directions of the Engineer-in-charge									
urement ken on										
	Submersible pump	Unit	2				2.00			
	Total Executed Quantity						2.00			
	Modified Schedule B Quantity						2.00			
	Now To be Paid Quantity						2.00	35451.54	70903.10	
m No. 40	Providing and fixing to wall, ceiling and floor unplasticised PVC 6.00 kgs/sqcm working pressure with pipe fittings, wall clips etc., and making good the wall, ceiling and floor for sanitary pipelines including cost of all materials,labour charges, HOM of acquirements and testing complete as per specifications.For Rain water pipe Complete as per specifications and the directions of the Engineer-in-charge									
surement aken on										
	110mm Dia	m	1	29.00			29.00			
	Total Executed Quantity						29.00			
	Modified Schedule B Quantity						29.00			
	Now To be Paid Quantity						29.00	489.58	14197.90	
No. 41	Supply and fixing of childern Play Equipment Two seater seesaw : The See Saw consists of 2 poles of Dia 114mm and thickness of 2.5mm which balances the horizontal rod at the center which is of size 3110 mm length and Dia 114 mm. It consists of 2 seats which is made of LLDPE virgin plastic of size 305mm X 213 mm X 125 mm. The rates are to be inclusive of supply and installation at site. Inclusive of All Taxes and Transportation Charges Complete as per specifications and the directions of the Engineer-in-charge									
surement taken on										
		Each	1				1.00			
	Total Executed Quantity						1.00			
	Modified Schedule B Quantity						1.00			
	Now To be Paid Quantity						1.00	87192.77	87192.77	

Asst. Executive Engineer
Yelahanka Sub Divison
(BBMP Yelahanka)
Yelahanka, Bangalore

CONTRACTOR

ASSISTANT ENGINEER

ASSISTANT EXECUTIVE ENGINEER

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF THE PROJECT: IMPROVEMENTS TO KALYANI AT YELAHANKA LAKE IN KEMPEGOWDA WARD NO-01

MEASUREMENT SHEET

First & Final Bill

Sri. P.Dhamodara Raju, No: 19, 3rd Floor, 1st main, Nrupathunganagara, J.P.Nagara, 7th Phase, Bangalore-560078

Page in	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Rate Rs	Amount Rs	Remarks
To										
	Total Executed Quantity						1.00			
	Modified Schedule B Quantity						1.00			
	Now To be Paid Quantity						1.00	2299252.63	2299252.63	
No. 46	Supply and fixing of childern Play Equipment Hexa climber : Upright structural posts of height 2.6 m are to be schedule HOT DIP Galvanized steel with a 114mm OD and 2.2mm (wall) thickness of the tubing. Top rail Bars Dia 32 mm are all robotic welded fabricated from 48MM O.D. galvanized steel pipes for the outer bars and 32 mm OD galvanized steel for the inner parallel bars with a baked on powder coat finish. Net Climber of size 2.1 m are all robotic welded fabricated from 32 O.D. galvanized steel pipes for the outer pipes and 25mm O.D. galvanized steel for the inner parallel bars with a baked on powder coat finish. The rates are to be inclusive of supply and installation at site. Inclusive of All Taxes and Transportation Charges Complete as per specifications and the directions of the Engineer-in-charge									
surement ken on										
		Each	1				1.00			
	Total Executed Quantity						1.00			
	Modified Schedule B Quantity						1.00			
	Now To be Paid Quantity						1.00	224985.30	224985.30	
n No. 47	Supply and fixing of childern Play Equipment Merry go round - DX : The Merry go round consists of a round platform which is made of galvanized steel and has a thickness of 2.5 mm. It is also power coated with the thickness of 2.5 mm. It is of Dia 1210 mm. It has 3 inverted "L" shaped handrails which is made of Galvanized steel and of dimensions as 474 mmx 815 mm. It has thickness of Dia 32 mm. The 3 handrails are separated exactly. All the 3 handrails are connected to the Centre with the help of a rod which is also made of Galvanized steel and of Dia 48 mm and height 815 mm. The rates are to be inclusive of supply and installation at site. Inclusive of All Taxes and Transportation Charges Complete as per specifications and the directions of the Engineer-in-charge									
surement ken on										
		Each	2				2.00			
	Total Executed Quantity						2.00			
	Modified Schedule B Quantity						2.00			
	Now To be Paid Quantity						2.00	88824.28	177648.56	
m No. 48	Supply and fixing of childern Play Equipment Puppy dog Rider / Elephant rider / Horse rider : : HDPE of size 0.83 m x 0.31 m x 0.87 m, Plastic Components [super thick plastic] shall be rotationally molded from antistatic, copolymer, virgin linear low density UV stabilized polyethylene, with "color molded" in not "added in". All rotational molding is carried out in state of the art, precision, bi axial roto moulding machines which helps achieve guaranteed uniform wall thickness, seamless joints, accurate process control, one part construction to make it stress free. Specialized connectors such as clamps and couplings are to be cast from aluminium which is pre-treated, and cured, with a baked on powder coat finish.The rates are to be inclusive of supply and installation at site. Inclusive of All Taxes and Transportation Charges Complete as per specifications and the directions of the Engineer-in-charge									
asurement taken on										
		Each	4				4.00			
	Total Executed Quantity						4.00			
	Modified Schedule B Quantity						4.00			
	Now To be Paid Quantity						4.00	58258.03	233032.12	

Asst. Executive Engineer
Yelahanka Sub Divison

ASSISTANT ENGINEER

ASSISTANT EXECUTIVE ENGINEER

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF THE PROJECT: IMPROVEMENTS TO KALYANI AT YELAHANKA LAKE IN KEMPEGOWDA WARD NO-01

MEASUREMENT SHEET

First & Final Bill

Sri. P.Dhamodara Raju, No: 19, 3rd Floor, 1st main, Nrupathunganagara, J.P.Nagara, 7th Phase, Bangalore-560078

Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Rate Rs	Amount Rs	Remarks
Supply & fixing of Tai Chi Spinners : All products must tested and certified to meet EN16630 safety standards with GS test mark. The EN16630 certificates must be issued by a reputed notified International Certifying Body such as IPEMA, TUV, CPSC, or SGS only. The GS mark-EN 16630 certificates must be in the name of a supplier who has carried out a minimum of 100 public park projects in India with EN16630-GS certified products either by themselves or through their dealers or contractors. These EN16630 & GS Mark certificates must be clearly displayed on the notified certifying bodies websites as online verification is mandatory during technical bid. All products must clearly display the GS mark as has been issued in the EN16630 safety certificates. All Tubular steel of 2.5mm thickness are galvanized and zinc dipped. Joints are Robotic Welded. All welded joints are scalloped as necessary and welded to an approved MIG process. All welds are dressed off removing all sharp edges & burrs. Zinc Primer paint is applied at all the welding paints prior to finishing. All metal parts are powder coated using AKZO Nobel - Great Wall Powder to the thickness of 80 - 120 microns. All metal parts are tested in our salt spray machine that uses a 5% NaCL solution in accordance to ISO7227 to speed up corrosion for 3000 hrs. Bearings : Maintenance-free ball bearings. Equipment which have sway and moving parts, must have built in limitors that prevent unwanted and ecesssive movement, which can cause injuries. The limitors must be in accordance with EN16630 safety norms. Scope of delivery : 1 completely pre-assembled equipment modules. Maintenance : Maintain according to EN16630 and the maintenance guide. Size (L*W * H) 1150 MM x 1120 MM x 1620 MM . Capacity 2 persons. Inclusive of All Taxes and Transportation Charges Complete as per specifications and the directions of the Engineer-in-charge									
Item No. 51									
Measurement taken on									
	Each	1				1.00			
						Total Executed Quantity	1.00			
						Modified Schedule B Quantity	1.00			
						Now To be Paid Quantity	1.00	150146.88	150146.88	
Supply & fixing of HD Health Walker :All products must tested and certified to meet EN16630 safety standards with GS test mark. The EN16630 certificates must be issued by a reputed notified International Certifying Body such as IPEMA, TUV, CPSC, or SGS only. The GS mark-EN 16630 certificates must be in the name of a supplier who has carried out in excess of at least 50 public park projects in India either by themselves or through their dealers or contractors. These EN16630 & GS Mark certificates must be clearly displayed on the notified certifying bodies websites as online verification is mandatory. All products must clearly display the GS mark as has been issued in the EN16630 safety certificates. All Tubular steel of 2.5mm thickness are galvanized and zinc dipped. Joints are Robotic Welded. All welded joints are scalloped as necessary and welded to an approved MIG process. All welds are dressed off removing all sharp edges & burrs. Zinc Primer paint is applied at all the welding paints prior to finishing. All metal parts are powder coated using AKZO Nobel - Great Wall Powder to the thickness of 80 - 120 microns. All metal parts are tested in our salt spray machine that uses a 5% NaCL solution in accordance to ISO7227 to speed up corrosion for 3000 hrs. Footplates made of alloys of Nylon having good thermal stability. Internal Limited means no bump stops or crush points. Bearings : Maintenance-free ball bearings. Scope of delivery : 1 completely pre-assembled equipment modules. Maintenance : Maintain according to EN16630 and the maintenance guide. Size (L*W * H) 1070 MM x 615 MM x 1360 MM . Capacity 1 person. Inclusive of All Taxes and Transportation Charges Complete as per specifications and the directions of the Engineer-in-charge									
Item No. 52									
Measurement taken on									
	Each	1				1.00			
						Total Executed Quantity	1.00			
						Modified Schedule B Quantity	1.00			
						Now To be Paid Quantity	1.00	182787.50	182787.50	

Asst. Executive Engineer
Yelahanka Sub Division
BBMP
Yelahanka, Bangalore

CONTRACTOR

ASSISTANT ENGINEER

ASSISTANT EXECUTIVE ENGINEER

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF THE PROJECT: IMPROVEMENTS TO KALYANI AT YELAHANKA LAKE IN KEMPEGOWDA WARD NO-01

MEASUREMENT SHEET

First & Final Bill

Sri. P.Dhamodara Raju, No: 19, 3rd Floor, 1st main, Nrupathunganagara, J.P.Nagara, 7th Phase, Bangalore-560078

Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Rate Rs	Amount Rs	Remarks
Supply & fixing of HD Waist Twister :All products must tested and certified to meet EN16630 safety standards with GS test mark. The EN16630 certificates must be issued by a reputed notified International Certifying Body such as IPEMA, TUV, CPSC, or SGS only. The GS mark-EN 16630 certificates must be in the name of a supplier who has carried out in excess of at least 50 public park projects in India either by themselves or through their dealers or contractors. These EN16630 & GS Mark certificates must be clearly displayed on the notified certifying bodies websites as online verification is mandatory. All products must clearly display the GS mark as has been issued in the EN16630 safety certificates. All Tubular steel of 2.5mm thickness are galvanized and zinc dipped. Joints are Robotic Welded. All welded joints are scalloped as necessary and welded to an approved MIG process. All welds are dressed off removing all sharp edges & burrs. Zinc Primer paint is applied at all the welding paints prior to finishing. All metal parts are powder coated using AKZO Nobel - Great Wall Powder to the thickness of 80 - 120 microns. All metal parts are tested in our salt spray machine that uses a 5% NaCL solution in accordance to ISO7227 to speed up corrosion for 3000 hrs. Footplates made of alloys of Nylon having good thermal stability Internal Limited means no bump stops or crush points. Bearings : Maintenance-free ball bearings. Scope of delivery : 1 completely pre-assembled equipment modules. Maintenance : Maintain according to EN16630 and the maintenance guide. Size (L*W * H) 1460 MM x 1310 MM x 1150 MM . Capacity 3 persons. Inclusive of All Taxes and Transportation Charges Complete as per specifications and the directions of the Engineer-in-charge									
Each	1				1.00			
Total Executed Quantity					**1.00**			
Modified Schedule B Quantity					**1.00**			
Now To be Paid Quantity					**1.00**	**169731.25**	**169731.25**	
KSRRB M2100 Excavation in Marshy soil KSRRB 2100-5. Excavation in marshy soil upto 3m depth for foundations of structures as per drawing and technical specifications including removing the excavated stuff to a lead of 15m., including dewatering , shoring and shuttering, refilling trenches in 250mm layers, wherever necessary watering and ramming, including cost of all materials, labour complete as per specifications. MORTH Chapter 12 KBS Pg No 221, Item No 27.11								
cum								
Vide Total executed Quantity from premeasuremet Page no.					**47.29**			
Modified Schedule B Quantity					**47.29**			
Now To be Paid Quantity					**47.29**	**1017.51**	**48114.40**	
Providing half nosing for 20mm thick granite slab using required machinery including cost and conveyance of all materials, labour for all items of work, HOM of equipment etc., complete as per specification page no 111 item no 14.56								
Nosing								
North Side								
Treads	m	1	27.4		27.40			
	m	1	27		27.00			
	m	1	26.4		26.40			
	m	1	26		26.00			
	m	1	25.4		25.40			
	m	1	25		25.00			
	m	1	24.4		24.40			
	m	1	24		24.00			
	m	1	23.5		23.50			
	m	1	23		23.00			
	m	1	22.5		22.50			
	m	1	21.9		21.90			
	m	1	21.1		21.10			
South Side	m	1	27.4		27.40			
Treads	m	1	27		27.00			

CONTRACTOR

ASSISTANT ENGINEER

Asst. Executive Engineer
Yelahanka Sub Division
(BBMP Yelahanka Zone)
Yelahanka, Bangalore

ASSISTANT EXECUTIVE ENGINEER

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF THE PROJECT: IMPROVEMENTS TO KALYANI AT YELAHANKA LAKE IN KEMPEGOWDA WARD NO-01

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First & Final Bill

Sri. P.Dhamodara Raju, No: 19, 3rd Floor, 1st main, Nrupathunganagara, J.P.Nagara, 7th Phase, Bangalore-560078

Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Rate Rs	Amount Rs	Remarks
	m	1	26.4			26.40			
	m	1	26			26.00			
	m	1	25.4			25.40			
	m	1	25			25.00			
	m	1	24.4			24.40			
	m	1	24			24.00			
	m	1	23.5			23.50			
	m	1	23			23.00			
	m	1	22.5			22.50			
	m	1	21.9			21.90			
	m	1	21.1			21.10			
Deduction									
Ramp	m	-1	7.95			-7.95			
West Side									
Treads	m	1	34.7			34.70			
	m	1	33.7			33.70			
	m	1	32.8			32.80			
	m	1	31.7			31.70			
	m	1	30.6			30.60			
	m	1	29.7			29.70			
	m	1	28.8			28.80			
	m	1	27.7			27.70			
	m	1	26.65			26.65			
	m	1	25.7			25.70			
	m	1	24.8			24.80			
	m	1	23.55			23.55			
	m	1	22.5			22.50			
					Total Executed Quantity	1000.15			
					Modified Schedule B Quantity	1000.15			
					Now To be Paid Quantity	1000.15	203.05	203081.30	
							Sub Total	9617710.60	
							Childrens play Equipments and Gym Equipments	4455595.80	
							Kalyani	5162114.80	
							GST Charges (12% of estimated cost)	619453.80	
							Total Amount	10237164.40	

Asst. Executive Engineer
Yelahanka Sub Division
(BBMP Yak. Zn)
Yelahanka, Bangalore

CONTRACTOR

ASSISTANT ENGINEER

ASSISTANT EXECUTIVE ENGINEER